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ABSTRACT

The invention provides melanin-concentrating hormone receptor antagonists containing as the active ingredient piperidine derivatives represented by the general formula [I]:

[wherein R¹ is hydrogen, hydroxyl, lower alkyl, or the like; R², R^{3a}, R^{3b}, R^{4a}, R^{4b}, R^{5a}, R^{5b} and R⁶ each stands for hydrogen, halogen, or the like; W¹ and W² each independently stands for -O-, -CH₂-, or the like; Y¹, Y², Y³ and Y⁴ stand for -CH-, -CF-, -N-, or the like; Z stands for lower alkyl, an aliphatic heterocyclic group, or the like; Ar is a mono- or bi-cyclic aliphatic heterocycle or an aromatic heterocycle; and n is an integer of 1 to 8]. The compounds act as antagonist against melanin-concentrating hormone receptor and are useful as drugs for central diseases, circulatory diseases, or metabolic diseases.